

AGENDA: April 27, 2004

4.3

CATEGORY: Consent

DEPT.: Public Works

TITLE: 2003-04 Annual Slurry Seal Program,
Project 04-03—Approve Plans and
Specifications

RECOMMENDATION

Approve plans and specifications for 2003-04 Annual Slurry Seal Program, Project 04-03, and authorize staff to advertise the project for bids.

FISCAL IMPACT

The 2003-04 Annual Slurry Seal Program, Project 04-03, was funded as part of the 2003-04 Capital Improvement Program (CIP) with a total budget of \$102,000 allocated from the Gas Tax (\$45,000), Construction Conveyance Tax (\$54,000) and CIP Reserve (\$3,000) Funds. The total project cost is estimated at \$100,000.

BACKGROUND AND ANALYSIS

Each year during the summer months, the Public Works Department undertakes the Annual Slurry Seal Program on City streets, previously constructed to City standards, as preventive maintenance to extend the pavement's service life and prevent deterioration which would require expensive patching or reconstruction of the pavement. To maximize the service life of asphaltic pavement, nonarterial streets are treated with slurry seal at approximately 8- to 10-year intervals. When the structural integrity of a street is intact with no excessive cracking, slurry seal is the appropriate method of maintenance. Slurry seal is performed by applying a thin coat of liquid asphalt and fine aggregate mixture to the asphalt surface. As the mixture sets and hardens, it forms a protective surface that seals the original pavement from moisture and oxidation. This work extends the time between the thicker and more expensive asphalt resurfacing and reduces the overall cost of maintenance. A slurry seal treatment costs approximately one-seventh the cost of 1" thick asphalt resurfacing.

The streets which will receive slurry seal this year are selected based on the rating information from the Pavement Management System database, a field review by the Public Works Department and Public Services Division, and a review of potential conflicts with future underground construction work in the City.

The attached list (Attachment 1) shows the streets selected for the 2003-04 Annual Slurry Seal Program as determined by the results of the review process.

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The estimated project cost is as follows:

Construction (including contingency)	\$ 84,000
Engineering and Design	5,000
Inspection and Testing	<u>5,000</u>
Subtotal	\$ 94,000
Administration @ 6.5%	<u>6,000</u>
TOTAL	<u>\$100,000</u>

Plans and specifications are on file in the Public Works Department. In accordance with the requirements of the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt and is a Class 1c exemption in that the project consists of maintenance of existing streets and does not expand the use beyond that previously existing.

PUBLIC NOTICING—Agenda posting

Prepared by:

Approved by:

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Project Engineer

Cathy R. Lazarus
Public Works Director

Kevin C. Duggan
City Manager

QT/5/CAM
928-04-27-04M-E-1 ^

Attachment: 1. Street list

cc: APWD—Ko, DE, SCDE, FRLM, SAA—Irwin, CE, SS—Pollock, F/c